

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 21 Jun 2023 until 23:59 on Thursday 22 Jun 2023

Forecast Issued on Wednesday 21 Jun 2023 at 01:04

Confidence: High confidence in the general outlook with mainly dry and increasingly warm or very warm conditions towards the weekend. Confidence is moderate for any shower detail and timing and position of frontal systems on Friday and Sunday.

Headline for Wednesday 21 Jun 2023: Mainly fine and dry with sunny spells and a few showers.

Mountain weather hazards on Wednesday 21 Jun 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Light rain showers	Heavy rain showers	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
20%	20%	30%	20%	10%	<05%

Forecast for Wednesday 21 Jun 2023

Weather: Early cloud on western slopes soon clearing to give some early sunshine. Further cloud then developing through the morning, with a chance of showers by midday, perhaps heavy and with the odd rumble of thunder. These largely easing through the evening, but one or two perhaps continuing after dusk.

Chance of cloud-free hill tops above 600m: 60% in the west at first. Above 95% for all by mid-morning.

Low Cloud and visibility: Areas of cloud at 500m in the west at first, but soon lifting and breaking. Cloud then remaining above the summit, with just the low chance of the odd bit forming above 700m during any showers. Very good visibility outside of cloud, lowering to moderate or perhaps locally poor in any showers.

Forecast for Wednesday 21 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 SW	16/22 SW	18/25 SW	17/25 W	12/18 W	7/11 W	5/7 SW
300	9/17 SW	10/20 SW	14/25 W	13/23 W	9/16 W	4/9 W	2/4 W
Valley	5/12 SW	10/18 SW	11/22 SW	11/20 SW	7/14 W	2/6 NW	2/3 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	13/10	14/11	15/12	14/12	12/11	11/10
300	14/12	16/14	18/15	18/16	17/16	12/11	9/9
Valley	15/15	17/16	19/17	20/17	18/17	13/13	12/12
Freezing Level*	2400m	2400m	2400m	2300m	2400m	2400m	2400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

The best of the conditions are likely to be during the afternoon, but still with a risk of being caught by a heavy, thundery shower. UV levels will be high once again, so adequate sun protection will be required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 21 Jun 2023	11.2mm	12.4mm	46mm

Forecast for Thursday 22 Jun 2023

Weather: A dry and largely sunny morning. Cloud will again build by the afternoon with a chance of showers, perhaps becoming heavy and thundery. Showers easing late afternoon or early evening.

Maximum wind: Westerly 10mph.

Chance of cloud-free hill tops above 600m: Near 100%

Low Cloud and visibility: Cloud largely above summits, but perhaps the odd transitory patch forming at 700m during any heavy showers. Very good visibility in general, but locally moderate to poor in afternoon showers.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 21 Celsius.
At 600m: Plus 11 Celsius rising to Plus 17 Celsius.
Freezing level: Above summits.